

# MICRO ELECTRONICS

PNP SILICON PLANAR  
EPITAXIAL TRANSISTORS

PN 3644, PN 3645 (PNP) are silicon planar epitaxial transistors designed for small signal general purpose amplifiers and switches.



EBC

## ABSOLUTE MAXIMUM RATINGS

Collector-Base Voltage

Collector-Emitter Voltage

Emitter-Base Voltage

Collector Current

Total Dissipation @  $T_A = 25^\circ\text{C}$

$T_C = 25^\circ\text{C}$

Operating Junction and Storage Temperature

$V_{CB0}$

$V_{CE0}$

$V_{EB0}$

$I_C$

$P_D$

$T_j, T_{stg}$

PN3644

PN3645

45V

60V

45V

60V

5V

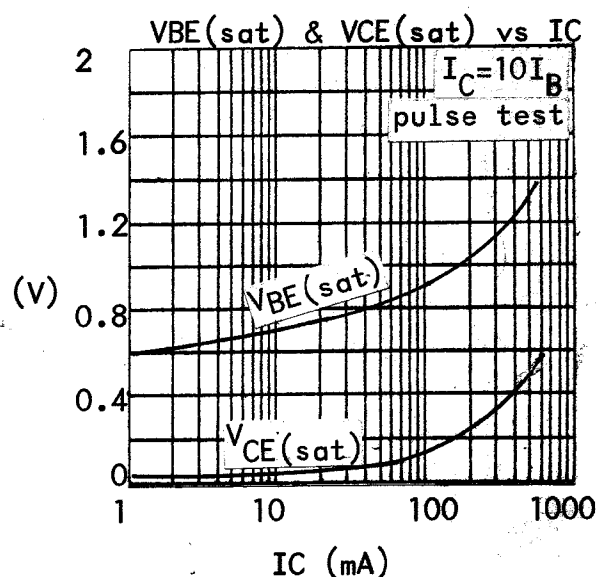
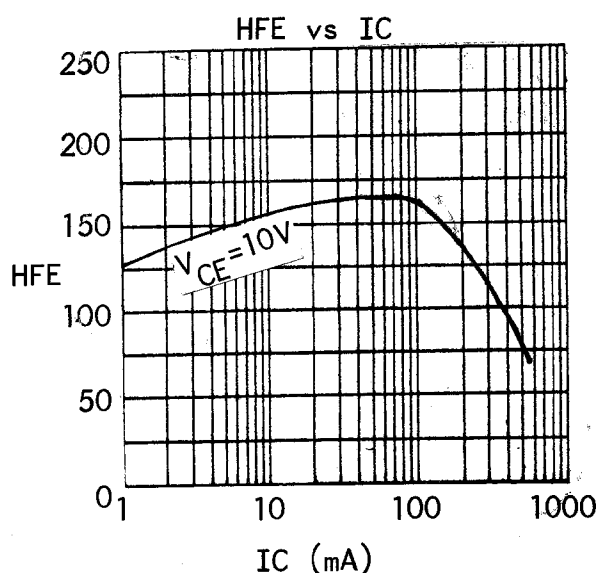
500mA

625mW

1W

-55 to  $150^\circ\text{C}^*$

## TYPICAL ELECTRICAL CHARACTERISTICS AT $T_A = 25^\circ\text{C}$



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